

## RED LASER POINTER

**Model # : RLP-5B**

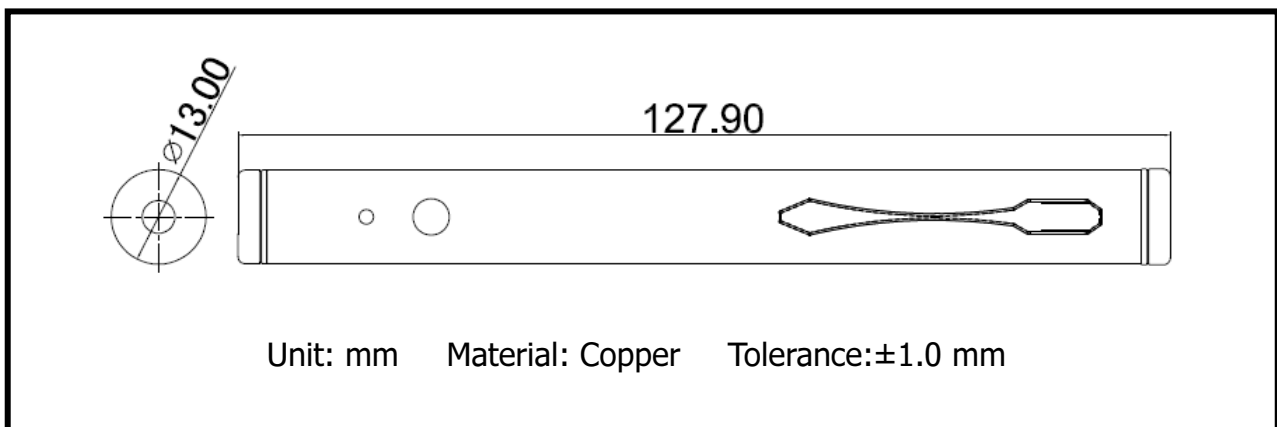
### Product image



### Features

- Structure : Laser diode
- Output power : ClassII<5mW
- Operating temperature :+15~+40°C

### Dimension Spec.





# Specification Sheet

Rev.001  
Date:2014/06/09

## ClassII<5mW

### Absolute maximum ratings

Parameter	Symbol	Rating	Unit
Supply voltage		AAA Battery x2 (ALKALINE)	
Operating current	Iop	<35	mA
Operating temperature	Topr	+15~+40	°C
Storage temperature	Tstg	-15~+50	°C

### Specifications 1) 2)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Supply voltage	Vcc		-	3	3.4	
Spot diameter (main spot)	-	5M	-	-	10	mm
Wavelength	λP		640	650	660	nm
Laser beam deflection angle	-	In 50cm location	-3	0	3	degree
Beam Divergence	2θr		-	-	1.5	mrad
Output power	P <sub>0</sub>	In 10cm laction	2.5	-	4.5	mW
Certificate	FDA					

1) Initial values 2)Each value is measured by using our measuring instrument 3)△1: The distance from laser beam window

### Remark

- Inspection environment temperature: **20~30°C** ± 2 °C ; Humidity:40~60%
- MTTF:3000 hours

### Beam spot spec

- 5m Main light spot diameter ≤ 10mm

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